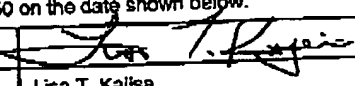


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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/627,271	RECEIVED CENTRAL FAX CENTER AUG 25 2006
	Filing Date	July 25, 2003	
	First Named Inventor	Earl A. Hubbell et al.	
	Art Unit	1631	
	Examiner Name	Pablo S. Whaley	
Total Number of Pages in This Submission	4	Attorney Docket Number	3246.2

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Response to Restriction Requirement (2 pages)
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Affymetrix, Inc.		
Signature			
Printed Name	Lisa T. Kajisa		
Date		Reg. No.	67,516

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature		Date	8/25/06
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application No.: 10/627,271

Attorney Docket No. 3246.2/US

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AUG 25 2006**

Applicant: Earl A. Hubbell

Examiner: Whaley, Pablo S

Serial No: 10/627,271

Group Art Unit: 1631

Filing Date: July 25, 2003

Title: Methods, Systems and Computer
Software for Designing and
Synthesizing Sequence Arrays

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO RESTRICTION REQUIREMENT

Sir:

In response to the July 28, 2006 Restriction Requirement, the Examiner is
requiring an election between the following group of claims:

Group I: Claims 1-3 and 22-24 drawn to a computer implemented method and
software product for arranging polymers for combinatorial synthesis, classified in
class 702, subclass 019. If this Group is elected, then the below summarized
specie elections are also required.

Group II: Claims 4-14 and 25-33 drawn to a computer implemented method and
software product for arranging polymers for combinatorial synthesis, classified in
class 702, subclass 019. If this Group is elected, then the below summarized
specie elections are also required.

Application No.: 10/627,271

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Group III: Claims 15-21 and 34-40 drawn to a computer implemented method and software product for arranging polymers for combinatorial synthesis, classified in class 702, subclass 019. If this Group is elected, then the below summarized specie elections are also required.

Applicants hereby elect without traverse of the invention of Group II: claims 4-14 and 25-33. Applicants reserve the right to re-present non-elected claims in a divisional, or other related application.

RESPONSE TO SPECIE ELECTION REQUIREMENT

The Examiner further requires a Species Election Requirement. The Examiner is requiring an election between the following species of polymers in Claims 4 and 25:

- (i) oligonucleotides
- (ii) peptides
- (iii) polysaccharides
- (iv) RNA

Applicants elect species (i) (oligonucleotides) without traverse. Applicants reserve the right to re-present non-elected species in a divisional, or other related application.

Applicants indicate that all claims indicated are readable thereon.

If the Examiner has any questions pertaining to this application or feels that a telephone conference would in any way expedite the prosecution of the application, please do not hesitate to call the undersigned at (408) 731-5000. Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Application No.: 10/627,271

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Respectfully submitted,

Date: August 25, 2006

Customer No.: 22886

Lisa T. Kajisa Reg. No.: 57,516